

Listing of the Claims

1. Cancelled.
2. Cancelled.
3. Cancelled.
4. Cancelled.
5. Cancelled.
6. Cancelled.
7. Cancelled.
8. Cancelled.
9. Withdrawn. A method for regulating cold and dehydration regulatory genes in a plant comprising the steps of:
introducing at least one copy of a regulatory gene encoding a protein into a plant;
expressing the binding protein encoded by the regulatory gene;
and
using the expressed binding protein to stimulate expression of at least one environmental stress tolerance gene through binding to a DNA regulatory sequence.
10. Cancelled.
11. Withdrawn. A method for regulating cold and dehydration regulatory genes in a plant comprising the steps of:
introducing DNA encoding a binding protein capable of binding to a DNA regulatory

sequence into a plant;
introducing a promoter into a plant which regulates expression of the binding protein;
introducing a DNA regulatory sequence into a plant to which a binding protein can bind; and
introducing one or more environmental stress tolerance genes into a plant whose expression is regulated by a DNA regulatory sequence.

12. (Currently amended) A method for regulating cold and dehydration regulatory genes in a plant comprising the steps of: transforming a plant with a gene encoding a transcription regulating protein comprising an amino acid sequence ~~sufficiently homologous~~ that is at least 85% homologous to SEQ. ID. No. 1 that the protein is capable of selectively binding to a DNA regulatory sequence comprising CAACA in the plant which regulates expression of one or more environmental stress tolerance genes in the plant; and expressing the transcription regulating protein in the plant.

13. Cancelled.

14. Cancelled.

15. Cancelled.

16. Cancelled.

17. Withdrawn. Plant material transformed with DNA encoding a cold-regulated transcription factor.

18. Cancelled.

19. Cancelled.

20. (New) The method of Claim 12, wherein said transformation is by effected by Agrobacterium tumerfaciens.

- 21. (New) The method of Claim 12, wherein said gene is operably linked to a promoter.
- 22. (New) The method of Claim 21, wherein said promoter is constitutive.
- 23. (New) The method of Claim 21, wherein said promoter is inducible.
- 24. (New) The method of Claim 21, wherein said promoter is tissue specific.
- 25. (New) The method of Claim 12, wherein said gene encodes SEQ ID NO:1.